

Certificate of Analysis

Date of Testing: 2023-01-29 13:33:01

Date of Next Testing: 2027-01-28 13:33:01

Product Name: **Ammonium sulfate**

CAS Number: 7783-20-2

Specifications & Purity: ≥99.99% metals basis

Lot #: A2314015

SKU #: **A112105**

Analysis: 180735

| Parameter | Limit Values | Result |
|--|--------------------------------------|--------------------------------------|
| Insoluble matter | 0-0.005 (%) | 0.00 % |
| Iron(Fe) | 0-5 (ppm) | 2.00 ppm |
| Total Metallic Impuritie | 0-100 (ppm) | 0.00 ppm |
| Purity(Based On Trace Metals Analysis) | 99.99-100 (%) | 100.00 % |
| PH | 5-6 | 5.20 |
| Heavy metal (as Pb) | 0-5 (ppm) | 1.89 ppm |
| Chloride | 0-5 (ppm) | 3.01 ppm |
| Phospate(PO4) | 0-5 (ppm) | 4.31 ppm |
| (NO3)Nitrate | 0-0.001 (%) | 0.00 % |
| Ignition Residue (as sulfate) | 0-0.005 (%) | 0.00 % |
| Appearance (A112105) | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| ICP Assay | Confirmed to structure | Confirmed to structure |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager